RECEIVED **CENTRAL FAX CENTER** 

FEB 0 7.2005

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-

1450 cm

01-27-05

Attorney Docket No.: 20093A-002100US

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Gerald P. Murphy et al.

Application No.: 09/301,380

Filed: June 15, 2001

For: NR-CAM GENE, NUCLEIC ACIDS

AND NUCLEIC ACID PRODUCTS FOR THERAPEUTIC AND DIAGNOSTIC USES FOR

**TUMORS** 

K. Lacourciere Examiner:

Technology Center/Art Unit: 1635

**AMENDMENT** 

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action mailed July 28, 2004, please enter the following amendments and remarks:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 4 of this paper.

Denver, Colorado RECEIVED Phone: 303-571-4000 Santtle: TOWNSEND **CENTRAL FAX CENTER** Palo Alto, California 601 Union Street. Phone: 650-326-2400 FEB 0 7 2005 Sulte 5400 TOWNSEND Sen Emprison California Seattle Phone: 415-576-0200 Washington 98101 and Phone: (206) 467-9600 Walnut Creek, California Fax: (206) 623-6793 Phone: 925-472-5000 Sen Diego, California Phone: 858-350-6100 **FACSIMILE COVER SHEET** Client Number: Date: No. Pages (including this one): 12 February 7, 2005 20093A-002100US To: At Fax Number: 571-273-0755 **Examiner Amy Bowman** Confirmation Phone 571-272-0755 U.S. Patent Office Number: From: Brian W. Poor Message: RE: Application No.: 09/301,380 NR-CAM GENE. NUCLEIC ACIDS AND NUCLEIC ACID PRODUCTS FOR THERAPEUTIC AND DIAGNOSTIC USES FOR **TUMORS** Our File: 20093A-002100US Ms. Bowman, Please see the attached courtesy of our Amendment, Petition for Extension of Time, and return receipt postcard, as filed with the U.S. Patent Office in the above-identified matter on January 27, 2005. If you have any questions or require any further information, please do not hesitate to contact me. Thank you, Brian W. Poor Faxed: Return To: Jenny Smolen

Important

This message is intended only for the use of the individual or entity to which it is addressed and may contain information that is privileged, confidential, and/or exempt from disclosure by applicable law or court order. If the reader of this message is not the intended recipient, or the employee or agent responsible for delivering the message to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this communication is **strictly prohibited**. If you have received this communication in error, please notify us immediately by telephone and return the original message to us at the above address via the United States Postal Service. Thank you.

TRANSMITTAL FORM Filing Date June 15, 2001 First Named inventor Murphy, Gorald P. Art Unit 1035 Examiner Name K. Lacourcière Zobes Autorière Z						PTO/S8/21 (09-04)	
FORM    First Named Inventor   Murphy, Gorald P.	TRANSMITTAL		Application Number	09/	09/301,360		
At Unit 1835  Examiner Name   K. Lacourciere   Attorney Docket Number   20093A-002100US    Fee Transmittal Form   Drawing(s)   After Allowance Communication to TC			Filing Date	Jur	June 15, 2001		
Total Number of Pages in This Submission   1	FORM		First Named Invento	<sup>′</sup> M⊔	Murphy, Gerald P.		
Total Number of Pages in This Submission 1 Attorney Docket Number 20083A-002100US    Foe Attached			Art Unit	163	1635		
ENCLOSURES (Check all that apply)  ENCLOSURES (Check all that apply)  ENCLOSURES (Check all that apply)  Fee Transmittal Form Fee Attached Cleansing-related Papers Appeal Communication to Board of Appeals and interference Appeal Communication to TC Appeal And interference Appeal Communication to TC (Appeal Notice, Brief, Resty Brief) After Final After	(to be used for all correspondence after initial filing)		Examiner Name ·	K.	K. Lacourciere		
Pea Transmittal Form	Total Number of Pages in This Submission 1		1 Attorney Docket Nun	nber 200	20093A-002100US		
Pea Transmittal Form							
Pea Attached	The state of the s						
Amendment/Reply	Fee Trans	smittal Form	Drawing(s)				
After Final	F	ee Attached	Licensing-related Pap	ель			
After Final	Amendment/Reply		Pathion	Pathion		Appeal Communication to TC	
Affidavits/deciaration(e)	! —						
Extension of Time Request  Express Abandonment Request  Express Abandonment Request  Information Disclosure Statement  CD, Number of CD(s)  Landscape Table on CD  Cartified Copy of Priority  Document(s)  Reply to Missing Parts/ Incomplets Application  Reply to Missing Parts  Indicates and Townsend and Crew LLP  Signature  Signature  Signature  Reg. No.  32,928  CERTIFICATE OF TRANSMISSION/MAILING  I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patems, P.O. Box 1450, Alexandrie, VA 22313-1450 on the date shown below.	Affidavite/declaration/a)		Power of Attorney, Re				
Express Abandonment Request    Request for Refund							
Information Disclosure Statement	Extension of Time Request		Terminal Disclaimer		— Delowy.	,	
Landscape Table on CD  Certified Copy of Priority Document(s)  Reply to Missing Parts/ Incomplets Account 20-1430.  SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT  Firm Name  Townsend and Townsend and Crew LLP  Signature  Brian W. Poor  Date  CERTIFICATE OF TRANSMISSION/MAILING  I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Cernmissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.	Express Abandonment Request		Réquest for Refund	Réquest for Refund		•	
Certified Copy of Priority Document(s)  Reply to Missing Parts/ Incomplete Application Reply to Missing Parts Account 20-1430.  SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm Name Townsend and Townsend and Crew LLP  Signature  Brian W. Poor  Date  CERTIFICATE OF TRANSMISSION/MAILING  I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope eddressed by: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.	Informatio	on Disclosure Statement	CD, Number of CD(s)	CD, Number of CD(s)			
Certified Copy of Priority Document(s)  Reply to Missing Parts/ Incomplete Application Reply to Missing Parts Account 20-1430.  SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT  Firm Name Townsend and Townsend and Crew LLP  Signature  Brian W. Poor  Date  CERTIFICATE OF TRANSMISSION/MAILING  I hereby certify that this correspondence is being deposited with the United Startes Postal Service with sufficient postage as first class mail in an envelope eddressed to: Commissioner for Patents, P.O. Box 1450, Alexandris, VA 22313-1450 on the date shown below.	Landacape Teble on CD						
Reply to Missing Parts/ Incomplete Application Reply to Missing Parts Incomplete Incomplete Application Reply to Missing Parts Incomplete Incomple							
Application Reply to Missing Parts under 37 CFR 1.52 or 1.53  SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT  Firm Name Townsend and Townsend and Crew LLP  Signature  Brian W. Poor  Date  CERTIFICATE OF TRANSMISSION/MAILING  I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mall in an envelope eddressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.							
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT  Firm Name  Townsend and Townsend and Crew LLP  Signature  Brian W. Poor  Date  CERTIFICATE OF TRANSMISSION/MAILING  I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mall in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandrie, VA 22313-1450 on the date shown below.							
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT  Firm Name  Townsend and Townsend and Crew LLP  Signature  Brian W. Poor  Date  CERTIFICATE OF TRANSMISSION/MAILING  I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandrie, VA 22313-1450 on the date shown below.							
Firm Name  Townsend and Townsend and Crew LLP  Signature  Brian W. Poor  Date  CERTIFICATE OF TRANSMISSION/MAILING  I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.	under 37 CFR 1.52 or 1.53						
Firm Name  Townsend and Townsend and Crew LLP  Signature  Brian W. Poor  Date  CERTIFICATE OF TRANSMISSION/MAILING  I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.							
Townsend and Townsend and Crew LLP  Signature  Brian W. Poor  Date  CERTIFICATE OF TRANSMISSION/MAILING  I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.	SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT						
Printed name  Brian W. Poor  Date  27 January 2005  Reg. No. 32,928  CERTIFICATE OF TRANSMISSION/MAILING  I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.	Townsend and Townsend and Crew LLP						
Printed name  Brian W. Poor  Reg. No. 32,928  CERTIFICATE OF TRANSMISSION/MAILING  I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mall in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.	Signature Brief Work						
CERTIFICATE OF TRANSMISSION/MAILING  I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mall in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.	Printed name						
CERTIFICATE OF TRANSMISSION/MAILING  I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mall in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.	Date 27 January 2		2005	Reg. No.	32,928		
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mall in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.							
envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.	CERTIFICATE OF TRANSMISSION/MAILING						
Signature Statement Signature	I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mall in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.						
	Signature Statement Signature						
Typed or printed name denpirer M. Smolen Date 01-27-05	Typod ex selected	Jannifer M	Tien		Don	0(27-05	

60408323 v1

Please stamp the date of receipt of the following document(s) TO THE U.S. PATENT & TRADEMARK OFFICE and return this card to us:

•(∀

Gerald P. Murphy et al TITLE OF DOCUMENT(S):

- Transmittal

- Petition for Ext. of Time (3 mos)

- Amendment

09/301,380 File No. 20093A-002100US Application No.

Date Mailed 01-27-05 Date Due 01-28-05

Atty/Secty.